

FIG. 1

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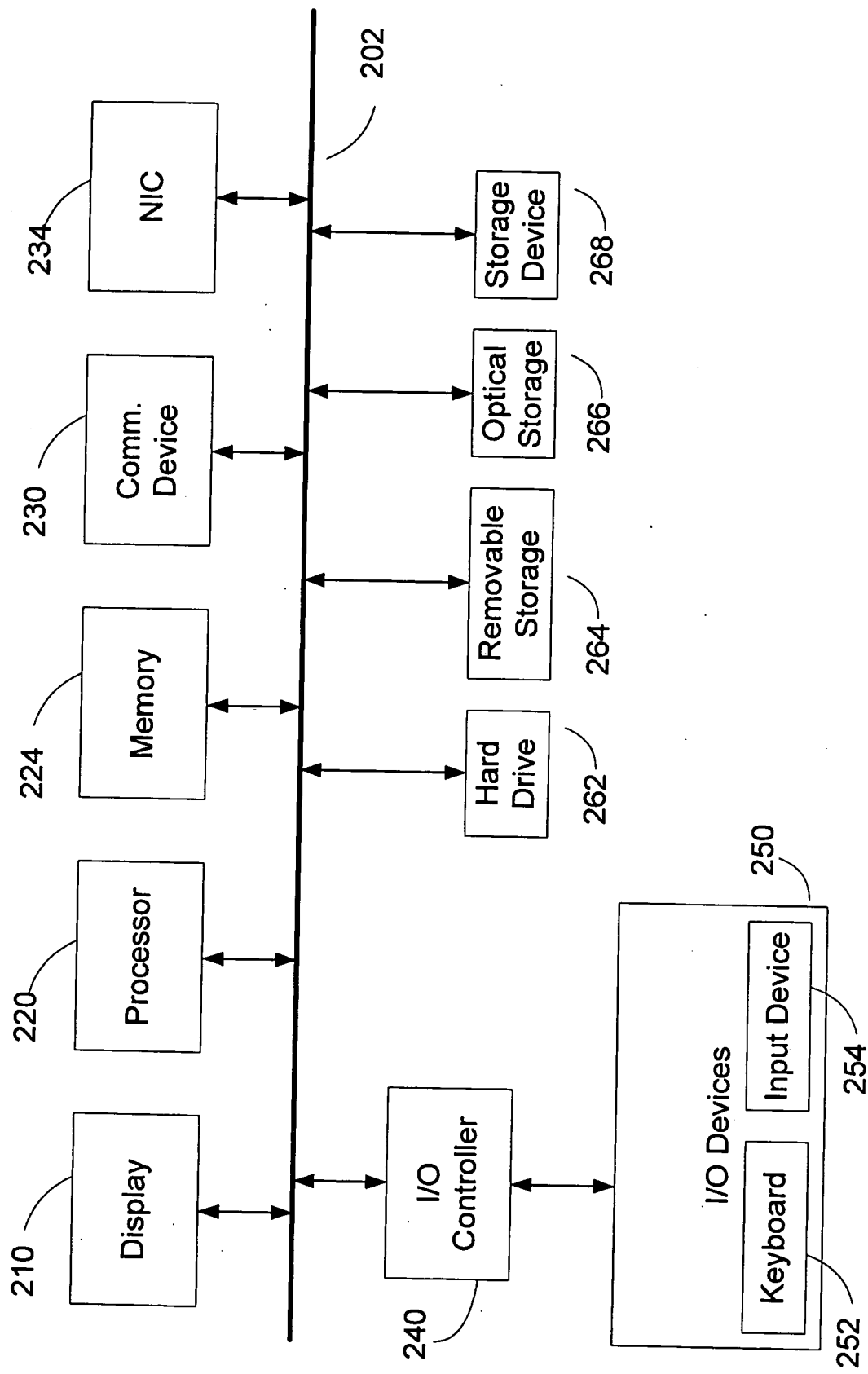


FIG. 2

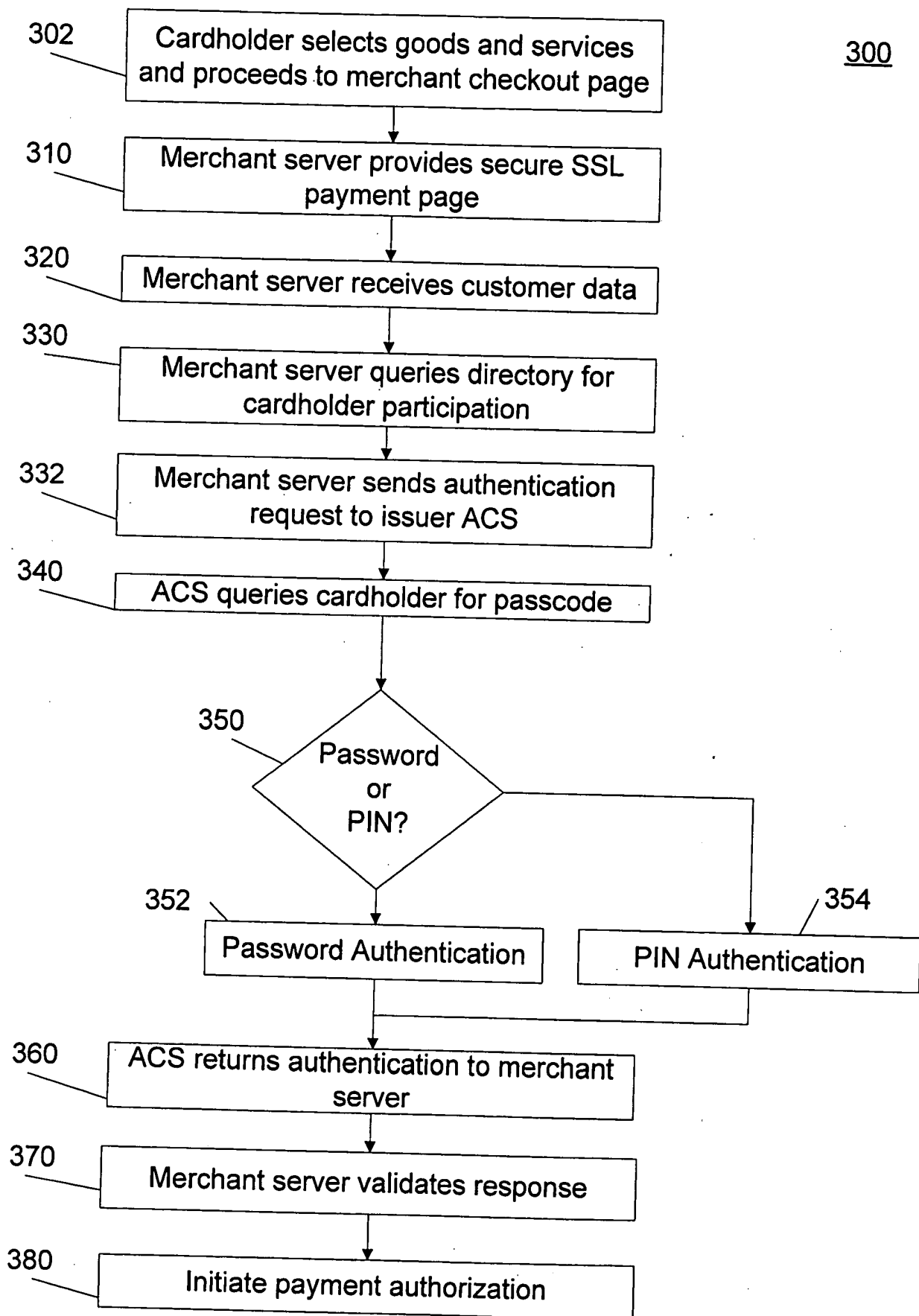
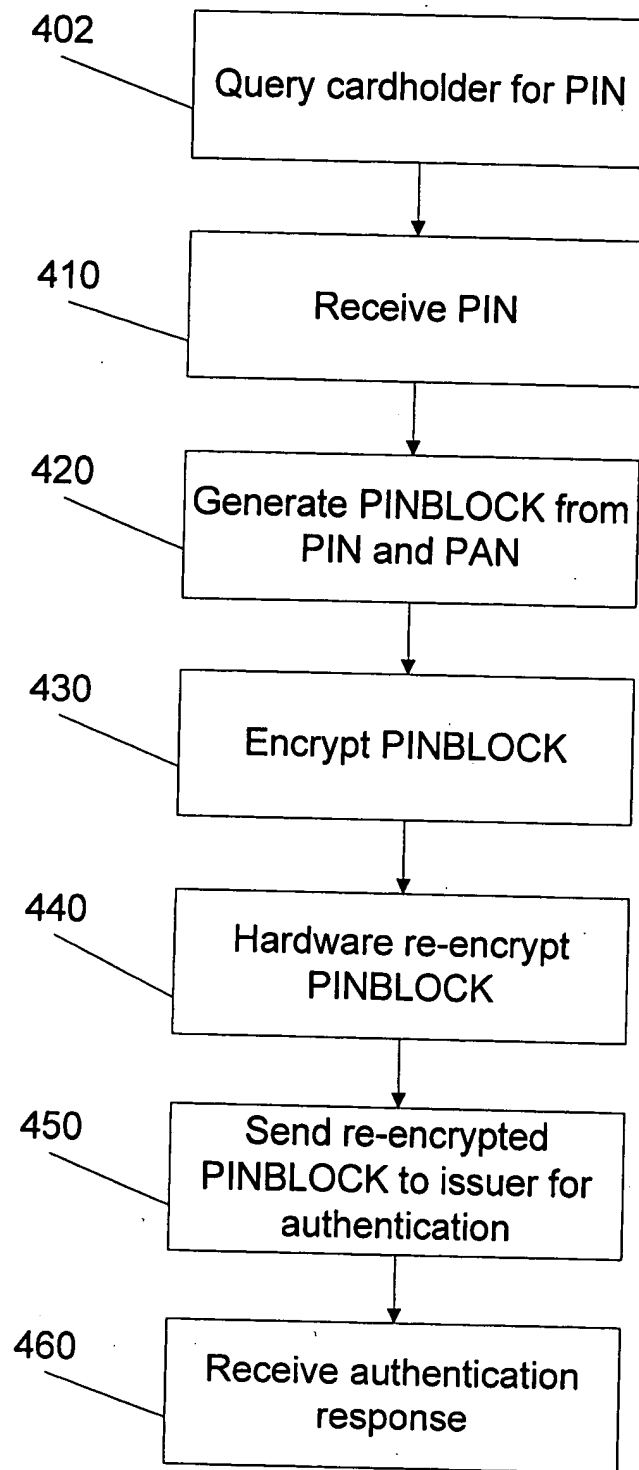
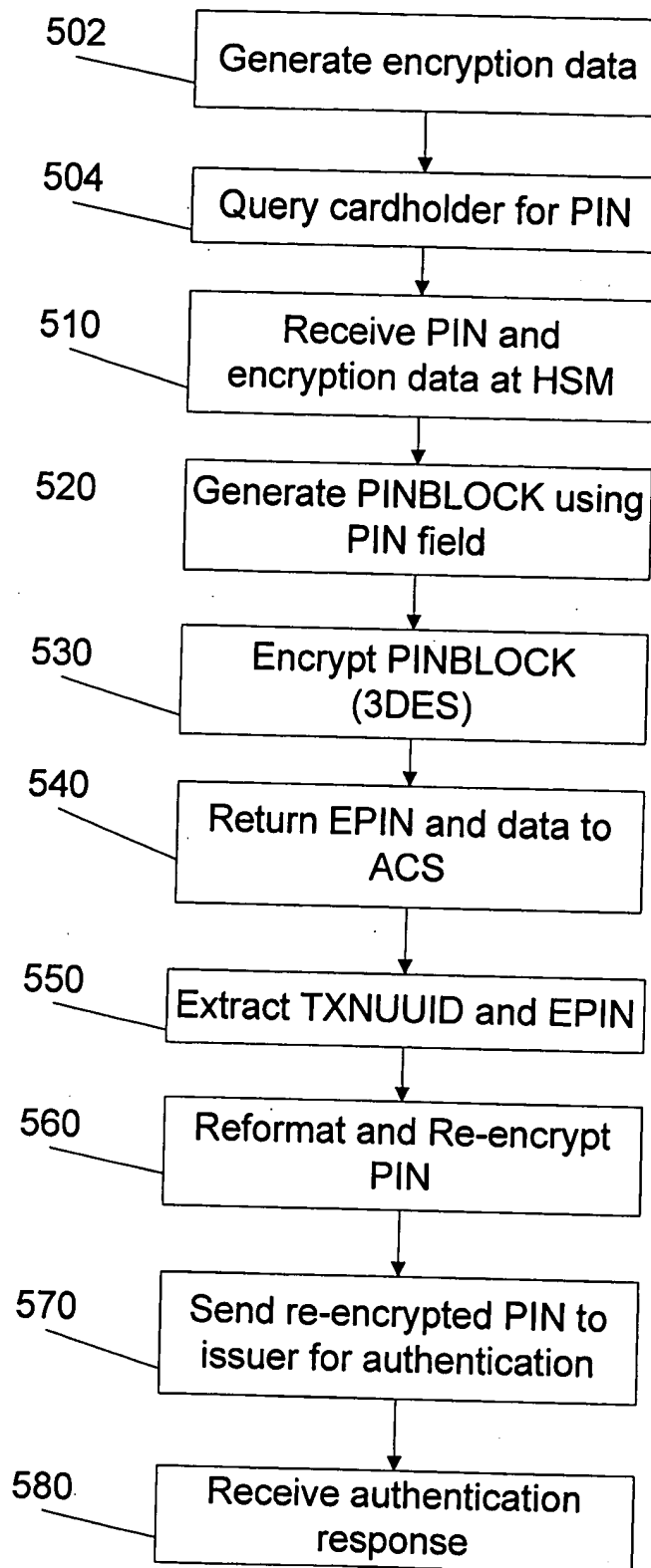


FIG. 3

**FIG. 4**

**FIG. 5**

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```
<html>
<head><title>PIN Entry Page</title></head>
<body>
  <form method=POST name="PIN_Entry" action="https://www.acs-
    vbv.visa.com:9123/" autocomplete="off">
    <p>Please enter your PIN:<p>
    <table>
      <tr><td>PIN:</td><td><INPUT TYPE="PASSWORD" name="pin"></td></tr>
    </table>
    <INPUT TYPE="hidden" name="TXNUUID" value="foo">
    <INPUT TYPE="hidden" name="RDIR_URL" value=https://redirect.url/>
    <INPUT TYPE="hidden" name="RDIR_TYPE" value="303">
    <INPUT TYPE="hidden" name="GEP_MAC" value="Mxkskdhjsfhaiaskdsfj==">

    <p><INPUT TYPE=submit VALUE="Submit"><p>
  </form>
</body>
</html>
```

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FIG. 6

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710	Field	Description
720	TXNUUID	A Unique Transaction ID
730	RDIR_URL	The base redirection url (back to the ACS from HSM1).
740	RDIR_TYPE	Indicates the HTTP redirect type the HSM1 should return. The ACS will determine this value when initially receiving the PAREq by evaluating the UserAgent and HTTP version of the cardholder browser. The value will either be 302 or 303.
	GEP_MAC	HMAC(k1, TXNUUID RDIR_URL RDIR_TYPE)

FIG. 7

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810	Field	Description
	EPIN1	The ISO 9564 Format-1 PINBLOCK encrypted under a key shared between HSM1 (front-end HSM) and HSM2 (the back-end HSM). This value shall be base64 encoded before being placed on the redirection URL.

FIG. 8

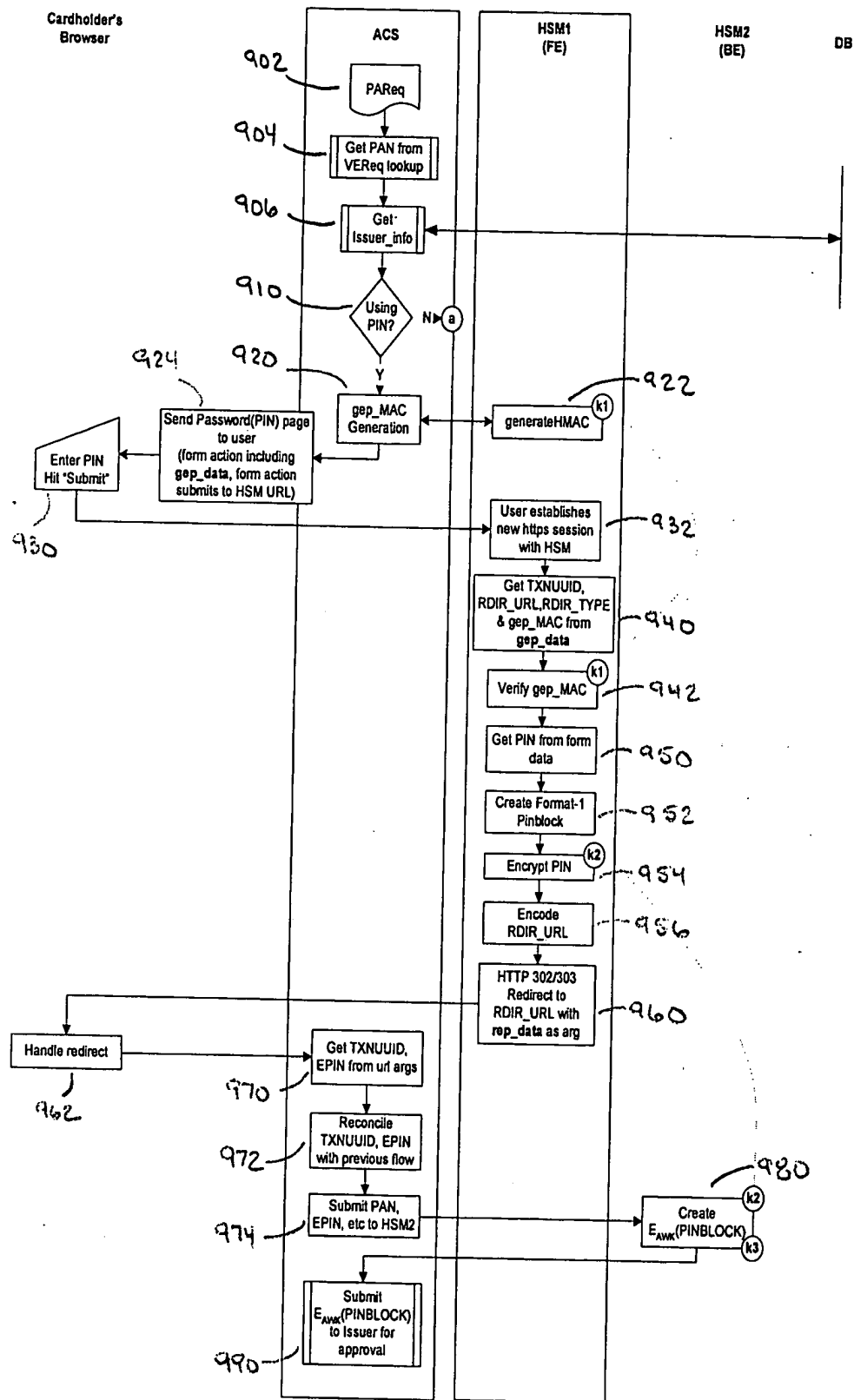


FIG. 9

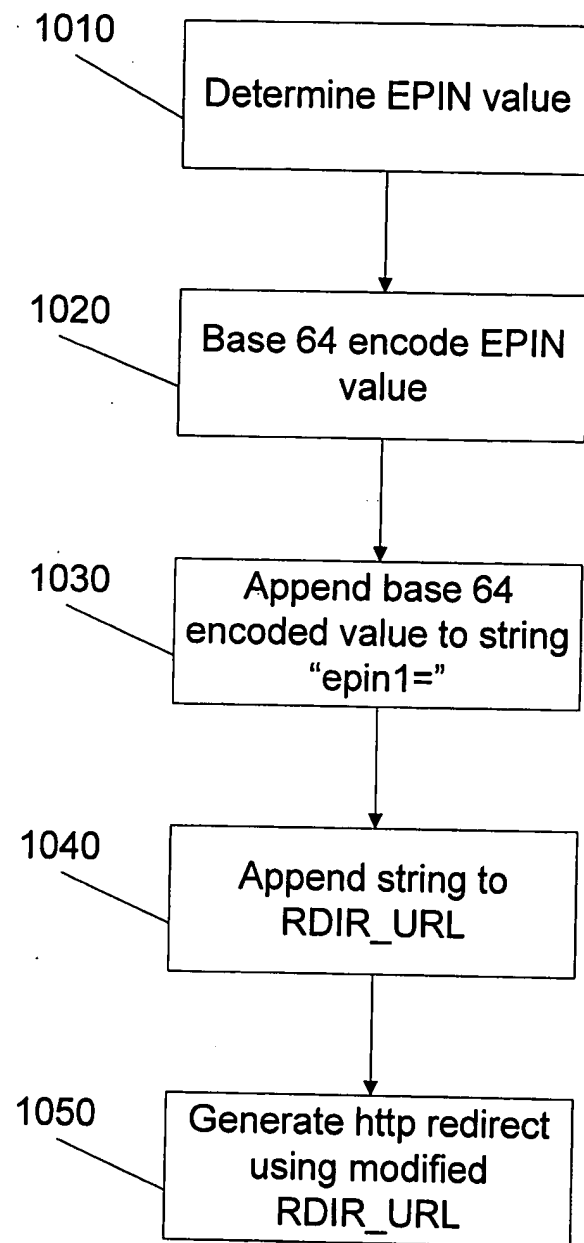


FIG. 10